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((LONBERG-NILS.IN.) AND 5).USPT,JPAB,EPAB,DWPI,TDBD.	1

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☐ EPO Abstracts Database
☐ Derwent World Patents Index
☐ IBM Technical Disclosure Bulletins

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L5 and (Lonberg-nils.in.)

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USPT,JPAB,EPAB,DWPI,TDBD	L5 and (Lonberg-nils.in.)	1	<u>L10</u>
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USPT,JPAB,EPAB,DWPI,TDBD	L6 and (human adj (immunoglobulin gene))	3	<u>L8</u>
USPT,JPAB,EPAB,DWPI,TDBD	L6 and (lymphatic cell)	0	<u>L7</u>
USPT,JPAB,EPAB,DWPI,TDBD	L5 and (Fab)	345	<u>L6</u>
USPT,JPAB,EPAB,DWPI,TDBD	L4 and (transgenic adj (mouse or animal))	358	<u>L5</u>
USPT,JPAB,EPAB,DWPI,TDBD	L3 and (phage display)	529	<u>L4</u>
USPT,JPAB,EPAB,DWPI,TDBD	L2 and (10 or 100 or 1000)	2012	<u>L3</u>
USPT,JPAB,EPAB,DWPI,TDBD	L1 and (nucleic acid)	2016	<u>L2</u>
USPT,JPAB,EPAB,DWPI,TDBD	(library) and (human antibody)	2204	<u>L1</u>

Status: Path 1 of [Dialog Information Services via Modem]

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DIALOG INFORMATION SERVICES

PLEASE LOGON:

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Last logoff: 13jan01 15:16:08

Logon file001 19jan01 09:33:43

*** ANNOUNCEMENT ***

NEW FILE RELEASED

***Investext PDF Index (File 745)

***Daily and Sunday Telegraph (London) Papers (File 756)

***The Mirror Group Publications (United Kingdom) (File 757)

UPDATING RESUMED

***Extel News Cards from Primark (File 501)

***TFSD Ownership Database (File 540)

RELOADED

***Kompass Central/Eastern Europe (File 593)

***Kompass Latin America (File 586)

***Brands and their Companies (File 116)

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***Kompass Canada (File 594)

***PsyncINFO (File 11)

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***EconBase (File 565)

***Unlisted Drugs (File 140)

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KWIC is set to 50.

HIGHLIGHT set on as '*'

*** NEW Current Year Ranges Install ***

File 1:ERIC 1966-2001/Jan 16
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Set	Items	Description
-----	-------	-------------

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?b 155, 5, 73

19jan01 09:34:29 er259876 Session D179.1
\$0.41 0.117 DialUnits File1
\$0.41 Estimated cost File1
\$0.04 TYMNET
\$0.45 Estimated cost this search
\$0.45 Estimated total session cost 0.117 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 155:MEDLINE(R) 1966-2000/Dec W4

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***File 155: For information on updating, changes to the file, and check tags information please see Help News155.**

File 5:Biosis Previews(R) 1969-2001/Jan W3

(c) 2001 BIOSIS

File 73:EMBASE 1974-2001/Jan W2

(c) 2001 Elsevier Science B.V.

***File 73: For details about update codes see Help News73.**

Set	Items	Description
---	-----	-----
?s (phage (w) antibody (w) technology)		
	75481	PHAGE
	1018490	ANTIBODY
	145152	TECHNOLOGY
S1	6	(PHAGE (W) ANTIBODY (W) TECHNOLOGY)
?rd		
...completed examining records		
S2	2	RD (unique items)
?t s2/3,k/all		

2/3,K/1 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

10219106 20027002

Selection of phage antibodies to surface epitopes of *Phytophthora infestans*.

Gough KC; Li Y; Vaughan TJ; Williams AJ; Cockburn W; Whitelam GC
Department of Biology, Adrian Building, University of Leicester,
University Road, Leicester, UK.
Journal of immunological methods (NETHERLANDS) Aug 31 1999, 228 (1-2)
p97-108, ISSN 0022-1759 Journal Code: IFE
Languages: ENGLISH
Document type: JOURNAL ARTICLE

...visualise the distribution of their cognate epitopes on the surface of the germlings. The combination of procedures developed here with *Phytophthora* demonstrates the potential of *phage* *antibody* *technology* in isolating antibodies to cell surface and external soluble components of pathogens, some of which may play a role in host/pathogen interactions.

2/3,K/2 (Item 2 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

09961007 99250298

Intrathymic function of the human cortical epithelial cell surface antigen gp200-MR6: single-chain antibodies to evolutionarily conserved determinants disrupt mouse thymus development.

Palmer DB; Crompton T; Marandi MB; George AJ; Ritter MA
Department of Immunology, Division of Medicine, MRC, Clinical Science Center, Imperial College School of Medicine, Hammersmith Hospital, London, UK.

Immunology (ENGLAND) Feb 1999, 96 (2) p236-45, ISSN 0019-2805

Journal Code: GH7
Languages: ENGLISH
Document type: JOURNAL ARTICLE

... is the first report to demonstrate that specific sFv can be used to study, and alter, thymic development. This work also highlights the advantage of *phage* *antibody* *technology* in selecting such reagents for functional assays.

?ds

Set	Items	Description
S1	6	(PHAGE (W) ANTIBODY (W) TECHNOLOGY)
S2	2	RD (unique items)
?s (human (w) antibody (w) display (w) library)		
	15989850	HUMAN
	1018490	ANTIBODY
	114320	DISPLAY
	96900	LIBRARY
S3	0	(HUMAN (W) ANTIBODY (W) DISPLAY (W) LIBRARY)
?s (antibody (w) display (w) library)		
	1018490	ANTIBODY
	114320	DISPLAY
	96900	LIBRARY
S4	26	(ANTIBODY (W) DISPLAY (W) LIBRARY)

?rd
...completed examining records
S5 10 RD (unique items)
?s (transgenic (w) animal) and (human (w) (Ig or (immunoglobulin (w) gene))
>>>Unmatched parentheses
?s (transgenic (w) animal) and (human (w) immunoglobulin (w) gene)
Processing
Processing

	80356	TRANSGENIC
	5357461	ANIMAL
	3280	TRANSGENIC (W) ANIMAL
	15989850	HUMAN
	353882	IMMUNOGLOBULIN
	1555359	GENE
	286	HUMAN (W) IMMUNOGLOBULIN (W) GENE
S6	0	(TRANSGENIC (W) ANIMAL) AND (HUMAN (W) IMMUNOGLOBULIN (W) GENE)

?ds

Set	Items	Description
S1	6	(PHAGE (W) ANTIBODY (W) TECHNOLOGY)
S2	2	RD (unique items)
S3	0	(HUMAN (W) ANTIBODY (W) DISPLAY (W) LIBRARY)
S4	26	(ANTIBODY (W) DISPLAY (W) LIBRARY)
S5	10	RD (unique items)
S6	0	(TRANSGENIC (W) ANIMAL) AND (HUMAN (W) IMMUNOGLOBULIN (W) - GENE)
?s s5 and (xenomouse)		
	10	S5
	21	XENOMOUSE
S7	0	S5 AND (XENOMOUSE)

?t s5/3,k/all

5/3,K/1 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

10467287 20295123

Isolation of Acanthamoeba-specific antibodies from a bacteriophage display library.

Khan NA; Greenman J; Topping KP; Hough VC; Temple GS; Paget TA
Department of Biological Science, The University of Hull, Hull, United

Kingdom HU6 7RX.

Journal of clinical microbiology (UNITED STATES) Jun. 2000, 38 (6)
p2374-7, ISSN 0095-1137 Journal Code: HSH
Languages: ENGLISH
Document type: JOURNAL ARTICLE

... culture and microscopy. In this paper, we describe the isolation of antibody fragments that can be used for the unequivocal identification of Acanthamoeba. A bacteriophage *antibody* *display* *library* was used to isolate antibody fragments that bind specifically to Acanthamoeba. Individual clones were studied by enzyme-linked immunosorbent assay, flow cytometry, and immunofluorescence. Four...

5/3,K/2 (Item 2 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

10432973 20278098

Identification of an immunodominant ABC transporter in methicillin-resistant Staphylococcus aureus infections.

Burnie JP; Matthews RC; Carter T; Beaulieu E; Donohoe M; Chapman C; Williamson P; Hodgetts SJ

NeuTec Pharma plc, University of Manchester, Central Manchester Healthcare Trust, Manchester M13 9WL, United Kingdom.

Infection and immunity (UNITED STATES) Jun 2000, 68 (6) p3200-9,
ISSN 0019-9567 Journal Code: GO7

Languages: ENGLISH

Document type: JOURNAL ARTICLE

... of these epitopes, represented by peptides 1 (KIKVYVGNDFWYQS), 2 (TVIVVSHDRHFLYNNV), and 3 (TETFLRGFLGRMLFS), were synthesized and used to isolate human recombinant antibodies from a phage *antibody* *display* *library*. Recombinant antibodies against peptides 1 and 2 gave logarithmic reductions in organ colony counts, compared with control groups, in a mouse model of the infection...

5/3,K/3 (Item 3 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

10160157 99398409

Dissecting the human peripheral B-cell compartment with phage display-derived antibodies.

van der Vuurst de Vries A; Logtenberg T

Department of Immunology, University Hospital Utrecht, The Netherlands.

Immunology (ENGLAND) Sep 1999, 98 (1) p55-62, ISSN 0019-2805

Journal Code: GH7

Languages: ENGLISH

Document type: JOURNAL ARTICLE

Previously we have employed a large semisynthetic phage *antibody* *display* *library*, in combination with subtractive selection by flow cytometry to isolate phage antibodies specific for subpopulations of leucocytes. In this study, human tonsillar B cells were...

5/3,K/4 (Item 4 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

09934368 99239797

Development of neutralising human recombinant antibodies to pertussis toxin.

Williamson P; Matthews R

University Department of Medical Microbiology, Manchester Royal Infirmary, UK.

FEMS immunology and medical microbiology (NETHERLANDS) Apr 1999, 23
(4) p313-9, ISSN 0928-8244 Journal Code: BP1
Languages: ENGLISH
Document type: JOURNAL ARTICLE

A phage *antibody* *display* *library* of single chain Fv (scFv) was derived from the peripheral blood of two patients recently recovered from pertussis infection. Ten scFv, differentiated by DNA fingerprinting...

5/3,K/5 (Item 5 from file: 155)
DIALOG(R) File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

09118013 97268669

Subtractive isolation of phage-displayed single-chain antibodies to thymic stromal cells by using intact thymic fragments.

Van Ewijk W; de Kruif J; Germeraad WT; Berendes P; Ropke C; Platenburg PP; Logtenberg T

Department of Immunology, Erasmus University of Rotterdam, The Netherlands.

Proceedings of the National Academy of Sciences of the United States of America (UNITED STATES) Apr 15 1997, 94 (8) p3903-8, ISSN 0027-8424
Journal Code: PV3

Languages: ENGLISH
Document type: JOURNAL ARTICLE

... well as other endoderm- and ectoderm-derived epithelial cells. Cross-reaction of single-chain antibodies to human thymic stromal cells shows that our semisynthetic phage *antibody* *display* *library*, in combination with the present subtractive approach, permits detection of evolutionary conserved epitopes expressed on subsets of thymic stromal cells.

5/3,K/6 (Item 6 from file: 155)
DIALOG(R) File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

08907138 97138126

Biosynthetically lipid-modified human scFv fragments from phage display libraries as targeting molecules for immunoliposomes.

de Kruif J; Storm G; van Bloois L; Logtenberg T

Department of Immunology, Utrecht University, The Netherlands.
j.deKruif@lab.azu.nl

FEBS letters (NETHERLANDS) Dec 16 1996, 399 (3) p232-6, ISSN 0014-5793
Journal Code: EUH
Languages: ENGLISH
Document type: JOURNAL ARTICLE

A human anti-CD22 single chain (sc) Fv antibody fragment from a synthetic phage *antibody* *display* *library* was biosynthetically lipid-tagged by using Escherichia coli lipoprotein sequences. The purified anti-CD22 scFv lipoprotein was incorporated into liposomes by detergent dilution. Anti-CD22...

5/3,K/7 (Item 7 from file: 155)
DIALOG(R) File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

08632472 96201568

Defining antibody targets in Streptococcus oralis infection.

Burnie JP; Brooks W; Donohoe M; Hodgetts S; al-Ghamdi A; Matthews RC

University Department of Medical Microbiology, Manchester Healthcare Trust, United Kingdom.

Infection and immunity (UNITED STATES) May 1996, 64 (5) p1600-8,

ISSN 0019-9567 Journal Code: G07

Languages: ENGLISH

Document type: JOURNAL ARTICLE

... representing two of these epitopes, and peptide 3 (YEVEKPLEPAPVAPS), representing the repeat proline region, were synthesized. These three peptides were used to screen a phage *antibody* *display* *library* derived from a patient who had recovered from S. oralis infection. Two of the human recombinant antibodies produced (SORAL 3 and SORAL 4 against peptide...

5/3,K/8 (Item 8 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

08280920 95248551

Selection and application of human single chain Fv antibody fragments from a semi-synthetic phage *antibody* *display* *library* with designed CDR3 regions.

de Kruif J; Boel E; Logtenberg T

Department of Immunology, University of Utrecht, The Netherlands.

Journal of molecular biology (ENGLAND) Apr 21 1995, 248 (1) p97-105,

ISSN 0022-2836 Journal Code: J6V

Languages: ENGLISH

Document type: JOURNAL ARTICLE

Selection and application of human single chain Fv antibody fragments from a semi-synthetic phage *antibody* *display* *library* with designed CDR3 regions.

5/3,K/9 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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10639756 BIOSIS NO.: 199699260901

New perspectives on recombinant human antibodies.

AUTHOR: De Kruif J(a); Van Der Vuurst De Vries A R(a); Cilenti L(a); Boel E (a); Van Ewijk W; Logtenberg T(a)

AUTHOR ADDRESS: (a)Dep. Immunol., Univ. Hosp. Utecht, Utrecht**Netherlands

JOURNAL: Immunology Today 17 (10):p453-455 1996

ISSN: 0167-5699

DOCUMENT TYPE: Article

RECORD TYPE: Citation

LANGUAGE: English

MISCELLANEOUS TERMS: ...PHAGE-*ANTIBODY*-*DISPLAY* *LIBRARY*;

5/3,K/10 (Item 1 from file: 73)

DIALOG(R)File 73:EMBASE

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06035501 EMBASE No: 1995065741

Patient-derived phage *antibody* *display* *library* as a source of human recombinant antibodies to candidal hsp 90

Matthews R.; Hodgetts S.; Burnie J.P.

Department of Medical Microbiology, Manchester University Medical School, Oxford Road, Manchester M13 9PT United Kingdom

Serodiagnosis and Immunotherapy in Infectious Disease (SERODIAGN.

IMMUNOTHER. INFECT. DIS.) (United Kingdom) 1994, 6/4 (213-217)

CODEN: SIIDE ISSN: 0888-0786

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

Patient-derived phage *antibody* *display* *library* as a source of human recombinant antibodies to candidal hsp 90

...to Candida albicans hsp 90 were prepared from the cDNA of the peripheral blood lymphocytes of a patient recently recovered from invasive candidiasis. The phage *antibody* *display* *library* was enriched for high affinity binders against the synthetic peptide NKILKVIRKNIVKK (B). This peptide is a dominant conserved epitope, previously identified as being the most...

?ds

Set	Items	Description
S1	6	(PHAGE (W) ANTIBODY (W) TECHNOLOGY)
S2	2	RD (unique items)
S3	0	(HUMAN (W) ANTIBODY (W) DISPLAY (W) LIBRARY)
S4	26	(ANTIBODY (W) DISPLAY (W) LIBRARY)
S5	10	RD (unique items)
S6	0	(TRANSGENIC (W) ANIMAL) AND (HUMAN (W) IMMUNOGLOBULIN (W) - GENE)
S7	0	S5 AND (XENOMOUSE)
?s xenomouse		
S8	21	XENOMOUSE
?rd		
...completed examining records		
S9	12	RD (unique items)
?t s9/3,k/all		

9/3,K/1 (Item 1 from file: 155)
DIALOG(R) File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

10474329 20312475

Transgenic mice as a source of fully human antibodies for the treatment of cancer.

~~Davis CG; Gallo ML; Corvalan JR~~

Abgenix, Inc, Fremont, CA 94555, USA. davis g@abgenix.com

Cancer and metastasis reviews (UNITED STATES) 1999, 18 (4) p421-5,

ISSN 0891-9992 Journal Code: C9H

Languages: ENGLISH

Document type: JOURNAL ARTICLE

... has been driven by technology developments geared toward making antibodies less likely to elicit an anti-antibody response in humans. The development of transgenic mice, *XenoMouse* animals, capable of making fully human antibodies offers new opportunities for generating antibodies of therapeutic quality. Recently, this technology has been applied to the generation...

... antibody to the epidermal growth factor receptor. A description of the development of this antibody serves to illustrate the power and ease of use of *XenoMouse* technology.

9/3,K/2 (Item 2 from file: 155)
DIALOG(R) File 155:MEDLINE(R)
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10353997 20187445

Production of protective human antipneumococcal antibodies by transgenic mice with human immunoglobulin loci.

Russell ND; Corvalan JR; Gallo ML; Davis CG; Pirofski La

Department of Medicine, Division of Infectious Disease, Albert Einstein College of Medicine, Bronx, New York 10461, USA.

Infection and immunity (UNITED STATES) Apr 2000, 68 (4) p1820-6,

ISSN 0019-9567 Journal Code: G07
Contract/Grant No.: AI 35370, AI, NIAID; 1 P32 AI 07506, AI, NIAID
Languages: ENGLISH
Document type: JOURNAL ARTICLE

... insight into structure-function relationships for human antibodies to pneumococcal capsular polysaccharide (PPS), we studied the response of transgenic mice reconstituted with human immunoglobulin loci, *XenoMouse*, to PPS antigens in a pneumococcal vaccine. Enzyme-linked immunosorbent assays of sera from mice vaccinated with a 23-valent pneumococcal vaccine revealed that they...

... both, and a 1-microgram dose of one, significantly prolonged survival from a lethal serotype 3 infection in CBA/N mice. Our data show that *XenoMouse* mice produced protective, serotype-specific human antibodies to PPS 3, and they lend support to the proposal that these animals represent a useful model to...

9/3,K/3 (Item 3 from file: 155)
DIALOG(R) File 155:MEDLINE(R)
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10311228 20135856

The human immunoglobulin loci introduced into mice: V (D) and J gene segment usage similar to that of adult humans.

Gallo ML; Ivanov VE; Jakobovits A; Davis CG
Abgenix, Inc., Fremont, CA 94555, USA. gallo m@abgenix.com
European journal of immunology (GERMANY) Feb 2000, 30 (2) p534-40,
ISSN 0014-2980 Journal Code: EN5
Languages: ENGLISH
Document type: JOURNAL ARTICLE

Variable gene segments of the human immunoglobulin loci are represented in the human peripheral repertoire at different frequencies. *XenoMouse* strains contain approximately 2 megabases of the human immunoglobulin heavy and kappa light chain loci that functionally recapitulate the human humoral immune system. Analysis of human antibody transcripts from *XenoMouse* spleens and lymph nodes revealed that V, D and J gene segment utilization from these unimmunized animals were nearly identical to the gene segment utilization...

9/3,K/4 (Item 4 from file: 155)
DIALOG(R) File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

10295004 20115626

Antibody engineering via genetic engineering of the mouse: *XenoMouse* strains are a vehicle for the facile generation of therapeutic human monoclonal antibodies.

Green LL
Abgenix, 7601 Dumbarton Circle, Fremont, CA 94555, USA. green l@abgenix.com
Journal of immunological methods (NETHERLANDS) Dec 10 1999, 231 (1-2) p11-23, ISSN-0022-1759 Journal Code: IFE
Languages: ENGLISH
Document type: JOURNAL ARTICLE; REVIEW; REVIEW, TUTORIAL

Antibody engineering via genetic engineering of the mouse: *XenoMouse* strains are a vehicle for the facile generation of therapeutic human monoclonal antibodies.

The major impediment to the development of murine monoclonal antibodies (mAbs) for therapy in humans has been the difficulty in reducing their potential immunogenicity. *XenoMouse*{trade mark omitted} mice obviate this problem while retaining the relative ease of generating mAbs from a mouse.

XenoMouse strains include germline-configured, megabase-sized YACs carrying portions of the human IgH and Igkappa loci, including the majority of the variable region repertoire, the...

... bred onto a genetic background deficient in production of murine immunoglobulin. The large and complex human variable region repertoire encoded on the Ig transgenes in *XenoMouse* strains support the development of large peripheral B cell compartments and the generation of a diverse primary immune repertoire similar to that from adult humans. Immunization of *XenoMouse* mice with human antigens routinely results in a robust secondary immune response, which can ultimately be captured as a large panel of antigen-specific fully human IgGkappa mAbs of sub-nanomolar affinities. Monoclonal antibodies from *XenoMouse* animals have been shown to have therapeutic potential both in vitro and in vivo, and appear to have the pharmacokinetics of normal human antibodies based on human clinical trials. The utility of *XenoMouse* strains for the generation of large panels of high-affinity, fully human mAbs can be made available to researchers in the academic and private sectors...

9/3,K/5 (Item 5 from file: 155)

DIALOG(R) File 155:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

10127167 99194218

Eradication of established tumors by a fully human monoclonal antibody to the epidermal growth factor receptor without concomitant chemotherapy.

Yang XD; Jia XC; Corvalan JR; Wang P; Davis CG; Jakobovits A
Abgenix, Inc., Fremont, California 94555, USA. yang xd@abgenix.com
Cancer research (UNITED STATES) Mar 15 1999, 59 (6) p1236-43, ISSN
0008-5472 Journal Code: CNF
Languages: ENGLISH
Document type: JOURNAL ARTICLE

... fully human IgG2kappa monoclonal antibody (MAb), E7.6.3, specific to the human epidermal growth factor (EGF) receptor (EGFr) was generated from human antibody-producing *XenoMouse* strains engineered to be deficient in mouse antibody production and to contain the majority of the human antibody gene repertoire on megabase-sized fragments from...

9/3,K/6 (Item 6 from file: 155)

DIALOG(R) File 155:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

10048927 99424628

Fully human anti-interleukin-8 monoclonal antibodies: potential therapeutics for the treatment of inflammatory disease states.

Yang XD; Corvalan JR; Wang P; Roy CM; Davis CG
Department of Research, Abgenix, Inc., Fremont, California 94555, USA.
yang xd@abgenix.com
Journal of leukocyte biology (UNITED STATES) Sep 1999, 66 (3) p401-10,
ISSN 0741-5400 Journal Code: IWY
Languages: ENGLISH
Document type: JOURNAL ARTICLE

... multiple human diseases. To this end, we developed a panel of fully human anti-IL-8 monoclonal antibodies (mAbs). These human antibodies were generated from *XenoMouse* strains, mice created by introducing megabase-size unrearranged human immunoglobulin heavy and kappa light chain loci into a mouse genome in which the corresponding endogenous...

... neutrophil activation, up-regulation of the cell adhesion receptor CD11b/CD18, and neutrophil chemotaxis, suggesting that the fully human anti-IL-8 mAbs derived from *XenoMouse* strains are potent anti-inflammatory agents. This was further supported by in vivo studies in

which K4.3 and K2.2 significantly inhibited IL-8...

9/3,K/7 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12752156 BIOSIS NO.: 200000505779
Human monoclonal antibody (Mab) against Pseudomonas aeruginosa LPS derived from transgenic XenoMouseTM mice is opsonic and highly protective in the neutropenic mouse model of sepsis.
AUTHOR: Hemachandra Sonali(a); Kamboj Kulawnt K; Copfer Janna M; Pier Gerald B; Green Larry L; Schreiber John R
AUTHOR ADDRESS: (a)Abgenix, Inc., Fremont, CA**USA
JOURNAL: Clinical Infectious Diseases 31 (1):p213 July, 2000
MEDIUM: print
CONFERENCE/MEETING: 2000 Annual Meeting of the Infectious Diseases Society of America New Orleans, Louisiana, USA September 07-10, 2000
ISSN: 1058-4838
RECORD TYPE: Citation
LANGUAGE: English
SUMMARY LANGUAGE: English

DESCRIPTORS:
...ORGANISMS: animal model, strain-*XenoMouse*, transgenic

9/3,K/8 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12234011 BIOSIS NO.: 199900528860
Anti-GBM disease produced by human autoantibodies in *Xenomouse* II (XMII) following immunization with alpha3(IV)NC1 collagen.
AUTHOR: Meyers Kevin E C(a); Allan Juanita(a); Jacobovitz Aya; Neilson Eric G; Kalluri Rahuram; Madaio Michael P(a)
AUTHOR ADDRESS: (a)Medicine, University of Pennsylvania, Philadelphia, PA**USA
JOURNAL: Journal of the American Society of Nephrology 10 (PROGRAM AND ABSTR. ISSUE):p516A Sept., 1999
CONFERENCE/MEETING: 32nd Annual Meeting of the American Society of Nephrology Miami Beach, Florida, USA November 1-8, 1999
SPONSOR: American Society of Nephrology
ISSN: 1046-6673
RECORD TYPE: Citation
LANGUAGE: English

Anti-GBM disease produced by human autoantibodies in *Xenomouse* II (XMII) following immunization with alpha3(IV)NC1 collagen.
DESCRIPTORS:
...ORGANISMS: *Xenomouse* II

9/3,K/9 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12205530 BIOSIS NO.: 199900500379
***XenoMouse* animals: Generation of human monoclonal antibodies to PDC-E2.**
AUTHOR: Sasaki Motoko(a); Kenny Thomas P(a); Leung Patrick Sc(a); Van de Water Judy(a); Jakobovits Aya; Gallo Michael L; Nakanuma Yasuni; Coppel Ross L; Ansari Aftab A; Gershwin M Eric
AUTHOR ADDRESS: (a)Univ of CA at Davis, Davis, CA**USA
JOURNAL: Hepatology 30 (4 PART 2):p567A Oct., 1999
CONFERENCE/MEETING: 50th Annual Meeting and Postgraduate Courses of the American Association for the Study of Liver Diseases Dallas, Texas, USA

November 5-9, 1999
SPONSOR: American Association for the Study of Liver Diseases
ISSN: 0270-9139
RECORD TYPE: Citation
LANGUAGE: English

***XenoMouse* animals: Generation of human monoclonal antibodies to PDC-E2.**

9/3,K/10 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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11429999 BIOSIS NO.: 199800211331
IBC Conference on Engineered Animal Models: Advances and Applications
(Washington, DC, USA; September 22-23, 1997).
AUTHOR: Wawrousek Eric(a)
AUTHOR ADDRESS: (a)Natl. Eye Inst., NIH, Build. 5, Room 2A04, 6 Center
Drive, MSC 2730, Bethesda, MD 20892-2730**USA
JOURNAL: Transgenic Research 7 (2):p141-145 March, 1998
ISSN: 0962-8819
RECORD TYPE: Citation
LANGUAGE: English

DESCRIPTORS:

...ORGANISMS: animal model, genetically engineered organism, strain-
XenoMouse II...

9/3,K/11 (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

10717619 EMBASE No: 2000205827
Transgenic mice as a source of fully human antibodies for the treatment of cancer
C.G. Davis, Abgenix, Inc., 7601 Dumbarton Circle, Fremont, CA 94555
Cancer and Metastasis Reviews (CANCER METASTASIS REV.) (Netherlands)
1999, 18/4 (421-425)
CODEN: CMRED ISSN: 0167-7659
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 10

...has been driven by technology developments geared toward making antibodies less likely to elicit an anti-antibody response in humans. The development of transgenic mice, *XenoMouse*(TM) animals, capable of making fully human antibodies offers new opportunities for generating antibodies of therapeutic quality. Recently, this technology has been applied to the ...

...antibody to the epidermal growth factor receptor. A description of the development of this antibody serves to illustrate the power and ease of use of *XenoMouse* technology.
DEVICE BRAND NAME/MANUFACTURER NAME: *XenoMouse*

9/3,K/12 (Item 2 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

07221130 EMBASE No: 1998120487
The long-awaited magic bullets: Therapeutic human monoclonal antibodies from transgenic mice
Jakobovits A.
A. Jakobovits, Discovery Research, Abgenix Inc., 7601 Dumbarton Circle,

Fremont, CA 94555 United States
 Expert Opinion on Investigational Drugs (EXPERT OPIN. INVEST. DRUGS) (United Kingdom) 1998, 7/4 (607-614)
 CODEN: EOIDE ISSN: 1354-3784
 DOCUMENT TYPE: Journal; Article
 LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
 NUMBER OF REFERENCES: 13

...production of therapeutic human mAbs: a mouse strain engineered to produce a large range of human antibodies in the absence of mouse antibodies. This strain, *XenoMouse*, has been generated by the introduction of large segments of human immunoglobulin loci, containing the majority of the human antibody gene repertoire, into mice deficient...

...human IgGkappa antibodies. Upon immunisation with multiple human antigens the mice generate large panels of high affinity, antigen-specific fully human mAbs with therapeutic activities. *XenoMouse*-derived hybridomas were shown to be stable, producing significant levels of human mAbs. *XenoMouse* technology represents an efficient and reliable tool for the production of therapeutic human mAbs, which can accelerate the evaluation and validation of antibody therapy in...
 ?ds

Set	Items	Description
S1	6	(PHAGE (W) ANTIBODY (W) TECHNOLOGY)
S2	2	RD (unique items)
S3	0	(HUMAN (W) ANTIBODY (W) DISPLAY (W) LIBRARY)
S4	26	(ANTIBODY (W) DISPLAY (W) LIBRARY)
S5	10	RD (unique items)
S6	0	(TRANSGENIC (W) ANIMAL) AND (HUMAN (W) IMMUNOGLOBULIN (W) - GENE)
S7	0	S5 AND (XENOMOUSE)
S8	21	XENOMOUSE
S9	12	RD (unique items)
?s au=(Buechler, j?) or (Buechler j?)		
	0	AU=BUECHLER, J?
	0	BUECHLER J?
S10	0	AU=(BUECHLER, J?) OR (BUECHLER J?)
?s au=buechler j		
S11	7	AU=BUECHLER J
?rd		
...completed examining records		
S12	7	RD (unique items)
?t s12/3,k/all		

12/3,K/1 (Item 1 from file: 155)
 DIALOG(R)File 155:MEDLINE(R)
 (c) format only 2000 Dialog Corporation. All rts. reserv.

01306385 74298115

An acute non-surgical abdomen: Henoch-Schonlein's syndrome.

Devetski RL; *Buechler J*
 Journal of the Indiana State Medical Association (UNITED STATES) Sep 1974, 67 (9) p799-801, ISSN 0019-6770 Journal Code: IGN
 Languages: ENGLISH
 Document type: JOURNAL ARTICLE

Devetski RL; *Buechler J*

12/3,K/2 (Item 1 from file: 5)
 DIALOG(R)File 5:Biosis Previews(R)
 (c) 2001 BIOSIS. All rts. reserv.

08645061 BIOSIS NO.: 199345063136
 Simultaneous identification and quantification of eight benzodiazepine

metabolites in urine using gas chromatography-mass spectrometry copy.
AUTHOR: Bruni J F; *Buechler J*; Kirk S
AUTHOR ADDRESS: Biosite Diagnostics Incorporated, San Diego, CA 92121**USA
JOURNAL: Clinical Chemistry 39 (6):p1235 1993
CONFERENCE/MEETING: 45th National Meeting of the American Association for
Clinical Chemistry, Inc. New York, New York, USA July 11-15, 1993
ISSN: 0009-9147
RECORD TYPE: Citation
LANGUAGE: English

...AUTHOR: *Buechler J*

12/3,K/3 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

07767076 BIOSIS NO.: 000041065327

EVALUATION OF A RAPID VISUAL IMMUNOASSAY FOR OPIATES IN URINE

AUTHOR: BRUNI J F; BUECHLER K; *BUECHLER J*; MOI S; NOAR B; MCGRATH D;
VILLELA J; CLANCY M; VALKIRS G; ET AL
AUTHOR ADDRESS: BIOSITE DIAGN. INC., SAN DIEGO, CALIF. 92121, USA.
JOURNAL: 43RD NATIONAL MEETING OF THE AMERICAN ASSOCIATION FOR CLINICAL
CHEMISTRY, INC., WASHINGTON, D.C., USA, JULY 28-AUGUST 1, 1991. CLIN CHEM
37 (6). 1991. 1010.
CODEN: CLCHA
DOCUMENT TYPE: Meeting
RECORD TYPE: Citation
LANGUAGE: ENGLISH

AUTHOR: BRUNI J F; BUECHLER K; *BUECHLER J*; MOI S; NOAR B; MCGRATH D;
VILLELA J; CLANCY M; VALKIRS G; ET AL

12/3,K/4 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

07114271 BIOSIS NO.: 000039050965

CYCLIC AMP-DEPENDENT PROTEIN KINASE

AUTHOR: TAYLOR S S; *BUECHLER J*; PARELLO J; YONEMOTO W; DOSTMANN W; JI Y
AUTHOR ADDRESS: DEP. CHEM., UNIV. CALIF. SAN DIEGO, LA JOLLA, CALIF. 92093.
JOURNAL: JOINT MEETING OF THE AMERICAN SOCIETY FOR BIOCHEMISTRY AND
MOLECULAR BIOLOGY, AND THE AMERICAN ASSOCIATION OF IMMUNOLOGISTS, NEW
ORLEANS, LOUISIANA, USA, JUNE 4-7, 1990. FASEB (FED AM SOC EXP BIOL) J 4
(7). 1990. A2167.
CODEN: FAJOE
DOCUMENT TYPE: Meeting
RECORD TYPE: Citation
LANGUAGE: ENGLISH

AUTHOR: TAYLOR S S; *BUECHLER J*; PARELLO J; YONEMOTO W; DOSTMANN W; JI Y

12/3,K/5 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

07002117 BIOSIS NO.: 000038097033

CYCLIC AMP-DEPENDENT PROTEIN KINASE STRUCTURAL FEATURES OF AN ENZYME FAMILY

AUTHOR: TAYLOR S S; *BUECHLER J*; DOSTMANN W; YONEMOTO W
AUTHOR ADDRESS: CHEM. DEP., UNIV. CALIF. SAN DIEGO, LA JOLLA, CALIF. 92093,
USA.
JOURNAL: THIRTY-FOURTH ANNUAL MEETING OF THE BIOPHYSICAL SOCIETY,
BALTIMORE, MARYLAND, USA, FEBRUARY 18-22, 1990. BIOPHYS J 57 (2 PART 2).
1990. 385A.

CODEN: BIOJA
DOCUMENT TYPE: Meeting
RECORD TYPE: Citation
LANGUAGE: ENGLISH

AUTHOR: TAYLOR S S; *BUECHLER J*; DOSTMANN W; YONEMOTO W

12/3,K/6 (Item 5 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

04174978 BIOSIS NO.: 000077001022

**DETECTION OF CHEMO THERAPEUTIC AGENTS IN CLINICAL SPECIMENS WITH
BACILLUS-SUBTILIS STRAIN ATCC 6633**

AUTHOR: TRAUB W H; *BUECHLER J*; SPOHR M

AUTHOR ADDRESS: INST HYGIENE MIKROBIOL., HAUS 43, D-6650 HOMBURG/SAAR.

JOURNAL: ZENTRALBL BAKTERIOL MIKROBIOL HYG 1 ABT ORIG A 253 (1). 1982.
76-80.

FULL JOURNAL NAME: Zentralblatt fuer Bakteriologie Mikrobiologie und
Hygiene 1 Abt Originale A

CODEN: ZBMPD

RECORD TYPE: Abstract

LANGUAGE: GERMAN

AUTHOR: TRAUB W H; *BUECHLER J*; SPOHR M

12/3,K/7 (Item 6 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

00112051 BIOSIS NO.: 000005012051

**PHARMACOLOGIC EFFECTS ON THE FETAL HEART RATE IN COMPLICATED PREGNANCIES
ABSTRACT HUMAN**

AUTHOR: *BUECHLER J*; SHRIBER W; DEVETSKI R L

JOURNAL: CLIN RES 16 (3). 1968 432

FULL JOURNAL NAME: Clinical Research

CODEN: CLREA

RECORD TYPE: Citation

AUTHOR: *BUECHLER J*; SHRIBER W; DEVETSKI R L
?ds

Set	Items	Description
S1	6	(PHAGE (W) ANTIBODY (W) TECHNOLOGY)
S2	2	RD (unique items)
S3	0	(HUMAN (W) ANTIBODY (W) DISPLAY (W) LIBRARY)
S4	26	(ANTIBODY (W) DISPLAY (W) LIBRARY)
S5	10	RD (unique items)
S6	0	(TRANSGENIC (W) ANIMAL) AND (HUMAN (W) IMMUNOGLOBULIN (W) - GENE)
S7	0	S5 AND (XENOMOUSE)
S8	21	XENOMOUSE
S9	12	RD (unique items)
S10	0	AU=(BUECHLER, J?) OR (BUECHLER J?)
S11	7	AU=BUECHLER J
S12	7	RD (unique items)
?s au=lonberg, nils		
S13	0	AU=LONBERG, NILS
?s au=lonberg, n		
S14	0	AU=LONBERG, N
?s au=lonberg n		
S15	48	AU=LONBERG N
?s s15 and s5		
	48	S15

10 S5
S16 0 S15 AND S5
?s s15 and s8
48 S15
21 S8
S17 0 S15 AND S8
?rd s15
...completed examining records
S18 39 RD S15 (unique items)
?t s18/3,k/all

18/3,K/1 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

10410419 20261665
Transgenic human lambda 5 rescues the murine lambda 5 nullizygous phenotype.
Donohoe ME; Beck-Engeser GB; *Lonberg N*; Karasuyama H; Riley RL; Jack HM
; Blomberg BB
Department of Microbiology, University of Miami School of Medicine,
Miami, FL 33101, USA.
Journal of immunology (UNITED STATES) May 15 2000, 164 (10) p5269-76,
ISSN 0022-1767 Journal Code: IFB
Contract/Grant No.: R03 AG14892, AG, NIA; AG 15474, AG, NIA
Languages: ENGLISH
Document type: JOURNAL ARTICLE

Donohoe ME; Beck-Engeser GB; *Lonberg N*; Karasuyama H; Riley RL; Jack HM
; Blomberg BB

18/3,K/2 (Item 2 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

10075136 97206141
CD3-epsilon overexpressed in prothymocytes acts as an oncogene.
Wang B; She J; Salio M; Allen D; Lacy E; *Lonberg N*; Terhorst C
Beth Israel Deaconess Medical Center, Division of Immunology, Boston, MA
02215, USA.
Molecular medicine (UNITED STATES) Jan 1997, 3 (1) p72-81, ISSN
1076-1551 Journal Code: CG3
Contract/Grant No.: P01-AI 35714, AI, NIAID
Languages: ENGLISH
Document type: JOURNAL ARTICLE

Wang B; She J; Salio M; Allen D; Lacy E; *Lonberg N*; Terhorst C

18/3,K/3 (Item 3 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

09029060 98294464
High-avidity human IgG kappa monoclonal antibodies from a novel strain of minilocus transgenic mice [see comments]
Fishwild DM; O'Donnell SL; Bengoechea T; Hudson DV; Harding F; Bernhard
SL; Jones D; Kay RM; Higgins KM; Schramm SR; *Lonberg N*
Department of Hybridoma Development, GenPharm International, Mountain
View, CA 94043, USA. dfishwild@genpharm.com
Nature biotechnology (UNITED STATES) Jul 1996, 14 (7) p845-51, ISSN
1087-0156 Journal Code: CQ3
Comment in Nat Biotechnol 1996 Jul;14(7):826
Languages: ENGLISH
Document type: JOURNAL ARTICLE

Fishwild DM; O'Donnell SL; Bengoechea T; Hudson DV; Harding F; Bernhard SL; Jones D; Kay RM; Higgins KM; Schramm SR; *Lonberg N*

18/3,K/4 (Item 4 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

08734247 96299439

A candidate gene for the amnionless gastrulation stage mouse mutation encodes a TRAF-related protein.

Wang X; Bornslaeger EA; Haub O; Tomihara-Newberger C; *Lonberg N*; Dinulos MB; Disteché CM; Copeland N; Gilbert DJ; Jenkins NA; Lacy E
Molecular Biology Program, Memorial Sloan-Kettering Cancer Center, 1275 York Avenue, New York, New York, 10021, USA.

Developmental biology (UNITED STATES) Jul 10 1996, 177 (1) p274-90,

ISSN 0012-1606 Journal Code: E7T

Contract/Grant No.: GM 15773, GM, NIGMS; HD20919, HD, NICHD; AI30502, AI, NIAID; +

Languages: ENGLISH

Document type: JOURNAL ARTICLE

Wang X; Bornslaeger EA; Haub O; Tomihara-Newberger C; *Lonberg N*; Dinulos MB; Disteché CM; Copeland N; Gilbert DJ; Jenkins NA; Lacy E

18/3,K/5 (Item 5 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

08451865 96079176

Human antibodies from transgenic mice.

Lonberg N; Huszar D

GenPharm International Inc., Mountain View, CA 94043, USA.

International reviews of immunology (SWITZERLAND) 1995, 13 (1) p65-93,
ISSN 0883-0185 Journal Code: IRI

Contract/Grant No.: R44 AI32268-01, AI, NIAID; R44 AI31003-03, AI, NIAID

Languages: ENGLISH

Document type: JOURNAL ARTICLE; REVIEW; REVIEW, TUTORIAL

Lonberg N; Huszar D

18/3,K/6 (Item 6 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

08446235 96049755

Class switching in human immunoglobulin transgenic mice.

Harding FA; *Lonberg N*

GenPharm International, Mountain View, California 94043, USA.

Annals of the New York Academy of Sciences (UNITED STATES) Sep 29 1995,
764 p536-46, ISSN 0077-8923 Journal Code: 5NM

Languages: ENGLISH

Document type: JOURNAL ARTICLE

Harding FA; *Lonberg N*

18/3,K/7 (Item 7 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

08029613 95023919

A block in both early T lymphocyte and natural killer cell development in

transgenic mice with high copy numbers of the human CD3E gene.

Wang B; Biron C; She J; Higgins K; Sunshine MJ; Lacy E; *Lonberg N*;
Terhorst C

Division of Immunology, Beth Israel Hospital, Harvard Medical School,
Boston, MA 02215.

Proceedings of the National Academy of Sciences of the United States of
America (UNITED STATES) Sep 27 1994, 91 (20) p9402-6, ISSN 0027-8424
Journal Code: PV3

Contract/Grant No.: AI-28046, AI, NIAID; AI-30502, AI, NIAID; CA-41268,
CA, NCI

Languages: ENGLISH

Document type: JOURNAL ARTICLE

Wang B; Biron C; She J; Higgins K; Sunshine MJ; Lacy E; *Lonberg N*;
Terhorst C

18/3,K/8 (Item 8 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

07903161 94211294

**Antigen-specific human antibodies from mice comprising four distinct
genetic modifications [see comments]**

Lonberg N; Taylor LD; Harding FA; Trounstein M; Higgins KM; Schramm SR;
Kuo CC; Mashayekh R; Wymore K; McCabe JG; et al

GenPharm International, Mountain View, California 94043.

Nature (ENGLAND) Apr 28 1994, 368 (6474) p856-9, ISSN 0028-0836

Journal Code: NSC

Comment in Nature 1994 Apr 28;368(6474):812

Languages: ENGLISH

Document type: JOURNAL ARTICLE

Lonberg N; Taylor LD; Harding FA; Trounstein M; Higgins KM; Schramm SR;
Kuo CC; Mashayekh R; Wymore K; McCabe JG; et al

18/3,K/9 (Item 9 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

07532519 93234569

**Human immunoglobulin heavy-chain minilocus recombination in transgenic
mice: gene-segment use in mu and gamma transcripts.**

Tuaillon N; Taylor LD; *Lonberg N*; Tucker PW; Capra JD

Department of Microbiology, University of Texas Southwestern Medical
Center, Dallas 75235.

Proceedings of the National Academy of Sciences of the United States of
America (UNITED STATES) Apr 15 1993, 90 (8) p3720-4, ISSN 0027-8424

Journal Code: PV3

Contract/Grant No.: AI-12127, AI, NIAID; AI-11851, AI, NIAID; GM-31689,
GM, NIGMS; +

Languages: ENGLISH

Document type: JOURNAL ARTICLE

Tuaillon N; Taylor LD; *Lonberg N*; Tucker PW; Capra JD

18/3,K/10 (Item 10 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

07442532 90365980

**Bovine alpha S1-casein gene sequences direct high level expression of
active human urokinase in mouse milk.**

Meade H; Gates L; Lacy E; *Lonberg N*

Biogen Inc., Cambridge, MA 02142.
Bio/technology (UNITED STATES) May 1990, 8 (5) p443-6, ISSN 0733-222X
Journal Code: AL1
Languages: ENGLISH
Document type: JOURNAL ARTICLE

Meade H; Gates L; Lacy E; *Lonberg N*

18/3,K/11 (Item 11 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

07196706 93117103

A transgenic mouse that expresses a diversity of human sequence heavy and light chain immunoglobulins.

Taylor LD; Carmack CE; Schramm SR; Mashayekh R; Higgins KM; Kuo CC; Woodhouse C; Kay RM; *Lonberg N*

GenPharm International, Mountain View, CA 94043.

Nucleic acids research (ENGLAND) Dec 11 1992, 20 (23) p6287-95, ISSN 0305-1048 Journal Code: O8L

Contract/Grant No.: R43 AI31003-01, AI, NIAID

Languages: ENGLISH

Document type: JOURNAL ARTICLE

Taylor LD; Carmack CE; Schramm SR; Mashayekh R; Higgins KM; Kuo CC; Woodhouse C; Kay RM; *Lonberg N*

18/3,K/12 (Item 12 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

06613040 90384979

Structure of the T-cell antigen receptor: evidence for two CD3 epsilon subunits in the T-cell receptor-CD3 complex.

Blumberg RS; Ley S; Sancho J; *Lonberg N*; Lacy E; McDermott F; Schad V; Greenstein JL; Terhorst C

Laboratory of Molecular Immunology, Dana-Farber Cancer Institute, Boston, MA 02115.

Proceedings of the National Academy of Sciences of the United States of America (UNITED STATES) Sep 1990, 87 (18) p7220-4, ISSN 0027-8424

Journal Code: PV3

Contract/Grant No.: AI15066, AI, NIAID; AI17651, AI, NIAID; CA39264, CA, NCI; +

Languages: ENGLISH

Document type: JOURNAL ARTICLE

Blumberg RS; Ley S; Sancho J; *Lonberg N*; Lacy E; McDermott F; Schad V; Greenstein JL; Terhorst C

18/3,K/13 (Item 13 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

06248173 90060011

An enhancer located in a CpG-island 3' to the TCR/CD3-epsilon gene confers T lymphocyte-specificity to its promoter.

Clevers H; *Lonberg N*; Dunlap S; Lacy E; Terhorst C

Dana-Farber Cancer Institute, Boston, MA 02115.

EMBO journal (ENGLAND) Sep 1989, 8 (9) p2527-35, ISSN 0261-4189

Journal Code: EMB

Contract/Grant No.: AI-17651, AI, NIAID

Languages: ENGLISH

Document type: JOURNAL ARTICLE

Clevers H; *Lonberg N*; Dunlap S; Lacy E; Terhorst C

18/3,K/14 (Item 14 from file: 155)
DIALOG(R) File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

06012018 85099332
Intron/exon structure of the chicken pyruvate kinase gene.
Lonberg N; Gilbert W
Cell (UNITED STATES) Jan 1985, 40 (1) p81-90, ISSN 0092-8674
Journal Code: CQ4
Contract/Grant No.: GM09541-22, GM, NIGMS
Languages: ENGLISH
Document type: JOURNAL ARTICLE

Lonberg N; Gilbert W

18/3,K/15 (Item 15 from file: 155)
DIALOG(R) File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

05725333 89215302
Alternatively spliced mRNA encodes a secreted form of human CD8 alpha. Characterization of the human CD8 alpha gene.
Norment AM; *Lonberg N*; Lacy E; Littman DR
Department of Microbiology and Immunology, University of California, San Francisco 94143.
Journal of immunology (UNITED STATES) May 1 1989, 142 (9) p3312-9,
ISSN 0022-1767 Journal Code: IFB
Languages: ENGLISH
Document type: JOURNAL ARTICLE

Norment AM; *Lonberg N*; Lacy E; Littman DR

18/3,K/16 (Item 16 from file: 155)
DIALOG(R) File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

05451551 88261303
Mouse brain CD4 transcripts encode only the COOH-terminal half of the protein.
Lonberg N; Gettner SN; Lacy E; Littman DR
DeWitt Wallace Research Laboratory, Memorial Sloan-Kettering Cancer Center, New York, New York 10021.
Molecular and cellular biology (UNITED STATES) May 1988, 8 (5) p2224-8,
ISSN 0270-7306 Journal Code: NGY
Contract/Grant No.: AI 23513, AI, NIAID
Languages: ENGLISH
Document type: JOURNAL ARTICLE

Lonberg N; Gettner SN; Lacy E; Littman DR

18/3,K/17 (Item 17 from file: 155)
DIALOG(R) File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

05194207 86187778
Cooperative and noncooperative binding of protein ligands to nucleic acid lattices: experimental approaches to the determination of thermodynamic parameters [published erratum appears in Biochemistry 1986 Dec 30;25(26):8473]

Kowalczykowski SC; Paul LS; *Lonberg N*; Newport JW; McSwiggen JA; von Hippel PH
Biochemistry (UNITED STATES) Mar 25 1986, 25 (6) p1226-40, ISSN 0006-2960 Journal Code: A0G
Contract/Grant No.: GM-15792, GM, NIGMS; GM-29158, GM, NIGMS; AI-18987, AI, NIAID; +
Languages: ENGLISH
Document type: JOURNAL ARTICLE

Kowalczykowski SC; Paul LS; *Lonberg N*; Newport JW; McSwiggen JA; von Hippel PH

18/3,K/18 (Item 18 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

04322427 81233207

On the thermodynamics and kinetics of the cooperative binding of bacteriophage T4-coded gene 32 (helix destabilizing) protein to nucleic acid lattices.

Kowalczykowski SC; *Lonberg N*; Newport JW; Paul LS; von Hippel PH
Biophysical journal (UNITED STATES) Oct 1980, 32 (1) p403-18, ISSN 0006-3495 Journal Code: A5S
Contract/Grant No.: GM-15792, GM, NIGMS; GM-00715, GM, NIGMS; GM-07759, GM, NIGMS; +
Languages: ENGLISH
Document type: JOURNAL ARTICLE

Kowalczykowski SC; *Lonberg N*; Newport JW; Paul LS; von Hippel PH

18/3,K/19 (Item 19 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

04272120 81267304

Interactions of bacteriophage T4-coded gene 32 protein with nucleic acids. III. Binding properties of two specific proteolytic digestion products of the protein (G32P*I and G32P*III).

Lonberg N; Kowalczykowski SC; Paul LS; von Hippel PH
Journal of molecular biology (ENGLAND) Jan 5 1981, 145 (1) p123-38, ISSN 0022-2836 Journal Code: J6V
Contract/Grant No.: GM-15792, GM, NIGMS; GM-07759, GM, NIGMS
Languages: ENGLISH
Document type: JOURNAL ARTICLE

Lonberg N; Kowalczykowski SC; Paul LS; von Hippel PH

18/3,K/20 (Item 20 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

04136937 83221656

Primary structure of chicken muscle pyruvate kinase mRNA.

Lonberg N; Gilbert W
Proceedings of the National Academy of Sciences of the United States of America (UNITED STATES) Jun 1983, 80 (12) p3661-5, ISSN 0027-8424
Journal Code: PV3
Contract/Grant No.: GM09541-20, GM, NIGMS
Languages: ENGLISH
Document type: JOURNAL ARTICLE

Lonberg N; Gilbert W

18/3,K/21 (Item 21 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

03737812 83189073

Autoregulation of gene expression. Quantitative evaluation of the expression and function of the bacteriophage T4 gene 32 (single-stranded DNA binding) protein system.

von Hippel PH; Kowalczykowski SC; *Lonberg N*; Newport JW; Paul LS; Stormo GD; Gold L

Journal of molecular biology (ENGLAND) Dec 25 1982, 162 (4) p795-818,
ISSN 0022-2836 Journal Code: J6V

Contract/Grant No.: GM-15792, GM, NIGMS; GM-29158, GM, NIGMS; GM-19963, GM, NIGMS; +

Languages: ENGLISH

Document type: JOURNAL ARTICLE

von Hippel PH; Kowalczykowski SC; *Lonberg N*; Newport JW; Paul LS; Stormo GD; Gold L

18/3,K/22 (Item 22 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

03442570 81267316

Interactions of bacteriophage T4-coded gene 32 protein with nucleic acids. I. Characterization of the binding interactions.

Kowalczykowski SC; *Lonberg N*; Newport JW; von Hippel PH

Journal of molecular biology (ENGLAND) Jan 5 1981, 145 (1) p75-104,
ISSN 0022-2836 Journal Code: J6V

Contract/Grant No.: GM-15792, GM, NIGMS; GM-00715, GM, NIGMS; GM-07759, GM, NIGMS

Languages: ENGLISH

Document type: JOURNAL ARTICLE

Kowalczykowski SC; *Lonberg N*; Newport JW; von Hippel PH

18/3,K/23 (Item 23 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

03442563 81267303

Interactions of bacteriophage T4-coded gene 32 protein with nucleic acids. II. Specificity of binding to DNA and RNA.

Newport JW; *Lonberg N*; Kowalczykowski SC; von Hippel PH

Journal of molecular biology (ENGLAND) Jan 5 1981, 145 (1) p105-21,
ISSN 0022-2836 Journal Code: J6V

Contract/Grant No.: GM-15792, GM, NIGMS; GM-00715, GM, NIGMS; GM-07759, GM, NIGMS

Languages: ENGLISH

Document type: JOURNAL ARTICLE

Newport JW; *Lonberg N*; Kowalczykowski SC; von Hippel PH

18/3,K/24 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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11899227 BIOSIS NO.: 199900145336

Transgenic non-human animals capable of producing heterologous antibodies of various isotypes.

AUTHOR: *Lonberg N*; Kay R M

AUTHOR ADDRESS: San Francisco, Calif.**USA
JOURNAL: Official Gazette of the United States Patent and Trademark Office
Patents 1220 (1):p606 March 2, 1999
ISSN: 0098-1133
RECORD TYPE: Citation
LANGUAGE: English

AUTHOR: *Lonberg N*...

18/3,K/25 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11888592 BIOSIS NO.: 199900134701
Transgenic non-human animals capable of producing heterologous antibodies.
AUTHOR: *Lonberg N*; Kay R M
AUTHOR ADDRESS: San Francisco, Calif.**USA
JOURNAL: Official Gazette of the United States Patent and Trademark Office
Patents 1219 (4):p3320 Feb. 23, 1999
ISSN: 0098-1133
RECORD TYPE: Citation
LANGUAGE: English

AUTHOR: *Lonberg N*...

18/3,K/26 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11423254 BIOSIS NO.: 199800204586
Human lambda (lambda)5 transgene does not rescue the murine lambda5 nullizygous phenotype.
AUTHOR: Blomberg B B(a); Donohoe M E; Riley R; *Lonberg N*; Beck-Engeser G; Jack H-M
AUTHOR ADDRESS: (a)Univ. Miami Sch. Med., Miami, FL 33101**USA
JOURNAL: FASEB Journal 12 (5):pA1073 March 20, 1998
CONFERENCE/MEETING: Annual Meeting of the Professional Research Scientists on Experimental Biology 98, Part II San Francisco, California, USA April 18-22, 1998
SPONSOR: Federation of American Societies for Experimental Biology
ISSN: 0892-6638
RECORD TYPE: Citation
LANGUAGE: English

...AUTHOR: *Lonberg N*

18/3,K/27 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

10822330 BIOSIS NO.: 199799443475
Human IgG-kappa antigen-specific high affinity monoclonal antibodies from transgenic mice.
AUTHOR: Fishwild D M(a); O'Donnell S L; Hudson D V; Bengoechea T; Bernhard S L; Qin S; Mackay C; *Lonberg N*
AUTHOR ADDRESS: (a)GenPharm Int., Palo Alto, CA**USA
JOURNAL: Journal of Allergy and Clinical Immunology 99 (1 PART 2):pS186 1997
CONFERENCE/MEETING: Joint Meeting of the American Academy of Allergy, Asthma and Immunology, the American Association of Immunologists and the Clinical Immunology Society San Francisco, California, USA February 21-26, 1997
ISSN: 0091-6749

RECORD TYPE: Citation
LANGUAGE: English

...AUTHOR: *Lonberg N*

18/3,K/28 (Item 5 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

09942751 BIOSIS NO.: 199598397669

New approaches to human monoclonal antibody production: Use of transgenic mice.

BOOK TITLE: The 9th International Congress of Immunology

AUTHOR: Fishwild D M; Carmack C; Harding F; Bernhard S; O'Donnell S;
Munoz-O'Regan D; Bengoechea T; Rojas V; Mashayekh R; Hudson D; Woodhouse
C; Kay R; Huszar D; *Lonberg N*

BOOK AUTHOR/EDITOR: 9TH INTERNATIONAL CONGRESS OF IMMUNOLOGY

AUTHOR ADDRESS: GenPharm Int. Inc., Mountain View, CA 94043**USA
p467 1995

BOOK PUBLISHER: 9th International Congress of Immunology, San Francisco,
California, USA

CONFERENCE/MEETING: Meeting Sponsored by the American Association of
Immunologists and the International Union of Immunological Societies San
Francisco, California, USA July 23-29, 1995

RECORD TYPE: Citation
LANGUAGE: English

...AUTHOR: *Lonberg N*

18/3,K/29 (Item 6 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

09251825 BIOSIS NO.: 199497260195

**VDJ recombination mechanisms in a human immunoglobulin transgenic
minilocus.**

AUTHOR: Tuaillon N(a); *Lonberg N*; Tucker P W; Capra J D

AUTHOR ADDRESS: (a)Univ. Texas Southwestern Med. Center, Dallas, TX 75235**
USA

JOURNAL: FASEB Journal 8 (4-5):pA467 1994

CONFERENCE/MEETING: Experimental Biology 94, Parts I and II Anaheim,
California, USA April 24-28, 1994

ISSN: 0892-6638

RECORD TYPE: Citation
LANGUAGE: English

...AUTHOR: *Lonberg N*

18/3,K/30 (Item 7 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

08611266 BIOSIS NO.: 199345029341

**A transgenic minilocus model of human immunoglobulin heavy chain
rearrangement.**

AUTHOR: Tuaillon N(a); Miller A B; *Lonberg N*; Tucker P W; Capra J D

AUTHOR ADDRESS: (a)University Texas Southwestern Med. Center, Dallas, TX
75235**USA

JOURNAL: Journal of Immunology 150 (8 PART 2):p260A 1993

CONFERENCE/MEETING: Joint Meeting of the American Association of
Immunologists and the Clinical Immunology Society Denver, Colorado, USA
May 21-25, 1993

ISSN: 0022-1767

RECORD TYPE: Citation
LANGUAGE: English

...AUTHOR: *Lonberg N*

18/3,K/31 (Item 8 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

07203048 BIOSIS NO.: 000039117402

CELL-SPECIFIC REGULATION OF THE CD3-EPSILON GENE

AUTHOR: CLEVERS H C; *LONBERG N*; LACY E; TERHORST C
AUTHOR ADDRESS: DEP. CLIN. IMMUNOL., ACAD. HOSP. UTRECHT, P.O. BOX 85500,
UTRECHT, HOLLAND.

JOURNAL: SYMPOSIUM ON TRANSCRIPTIONAL CONTROL OF CELL GROWTH HELD AT THE
19TH ANNUAL UCLA (UNIVERSITY OF CALIFORNIA-LOS ANGELES) SYMPOSIA ON
MOLECULAR AND CELLULAR BIOLOGY, KEYSTONE, COLORADO, USA, JANUARY
27-FEBRUARY 3, 1990. J CELL BIOCHEM SUPPL 0 (14 PART B). 1990. 199.

CODEN: JCBSD

DOCUMENT TYPE: Meeting

RECORD TYPE: Citation

LANGUAGE: ENGLISH

AUTHOR: CLEVERS H C; *LONBERG N*; LACY E; TERHORST C

18/3,K/32 (Item 9 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

07193472 BIOSIS NO.: 000039107826

**ANALYSIS OF PERI-IMPLANTATION STAGE AND GASTRULATION STAGE INSERTIONAL
MUTATIONS**

AUTHOR: LACY E; BORNSLAEGER E; BLUM M; SIGNORELLI K; JEN Y; *LONBERG N*;
MARK W

AUTHOR ADDRESS: MOLECULAR BIOLOGY PROGRAM, SLOAN-KETTERING INSTITUTE, NEW
YORK, N.Y. 10021.

JOURNAL: SYMPOSIUM ON MANIPULATING THE MAMMALIAN GENOME HELD AT THE 19TH
ANNUAL UCLA (UNIVERSITY OF CALIFORNIA-LOS ANGELES) SYMPOSIA ON MOLECULAR
AND CELLULAR BIOLOGY, TAMARRON, COLORADO, USA, JANUARY 22-28, 1990. J CELL
BIOCHEM SUPPL 0 (14 PART A). 1990. 352.

CODEN: JCBSD

DOCUMENT TYPE: Meeting

RECORD TYPE: Citation

LANGUAGE: ENGLISH

AUTHOR: LACY E; BORNSLAEGER E; BLUM M; SIGNORELLI K; JEN Y; *LONBERG N*;
MARK W

18/3,K/33 (Item 10 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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07075900 BIOSIS NO.: 000039012594

**BOVINE ALPHA-S-1 CASEIN GENE SEQUENCES DIRECT HIGH LEVEL EXPRESSION OF
ACTIVE HUMAN UROKINASE IN MOUSE MILK**

AUTHOR: MEADE H; GATES L; LACY E; *LONBERG N*

AUTHOR ADDRESS: GENPHARM INT., 2 EDWARDS COURT, BURLINGAME, CALIF. 94010.

JOURNAL: BIO-TECHNOLOGY (N Y) 8 (5). 1990. 443-446.

FULL JOURNAL NAME: Bio-TECHNOLOGY (New York)

CODEN: BTCHD

RECORD TYPE: Citation

LANGUAGE: ENGLISH

AUTHOR: MEADE H; GATES L; LACY E; *LONBERG N*

18/3,K/34 (Item 11 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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06181643 BIOSIS NO.: 000086015825

MOUSE BRAIN CD4 TRANSCRIPTS ENCODE ONLY THE CARBOXYL-TERMINAL HALF OF THE PROTEIN

AUTHOR: *LONBERG N*; GETTNER S N; LACY E; LITTMAN D R
AUTHOR ADDRESS: DEWITT WALLACE RES. LAB., GRADUATE PROGRAM MOLECULAR BIOL.,
MEMORIAL SLOAN-KETTERING CANCER CENT., NEW YORK, NEW YORK 10021.
JOURNAL: MOL CELL BIOL 8 (5). 1988. 2224-2228.
FULL JOURNAL NAME: Molecular and Cellular Biology
CODEN: MCEBD
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

AUTHOR: *LONBERG N*; GETTNER S N; LACY E; LITTMAN D R

18/3,K/35 (Item 12 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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04208894 BIOSIS NO.: 000077034938

PRIMARY STRUCTURE OF CHICKEN MUSCLE PYRUVATE KINASE EC-2.7.1.40 MESSENGER RNA

AUTHOR: *LONBERG N*; GILBERT W
AUTHOR ADDRESS: BIOLOGICAL LABORATORIES, HARVARD UNIV., CAMBRIDGE, MASS.
02138.
JOURNAL: PROC NATL ACAD SCI U S A 80 (12). 1983. 3661-3665.
FULL JOURNAL NAME: Proceedings of the National Academy of Sciences of the
United States of America
CODEN: PNASA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

AUTHOR: *LONBERG N*; GILBERT W

18/3,K/36 (Item 13 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

03440530 BIOSIS NO.: 000023013618

AUTO REGULATION OF GENE EXPRESSION THE T-4 CODED GENE 32 PROTEIN SYSTEM

AUTHOR: VON HIPPEL P H; KOWALCZYKOWSKI S C; *LONBERG N*; NEWPORT J W; PAUL
L S; STORMO G D; GOLD L
AUTHOR ADDRESS: UNIV. OREG., EUGENE, OREG. 97403.
JOURNAL: 26TH ANNUAL MEETING OF THE BIOPHYSICAL SOCIETY, BOSTON, MASS.,
USA, FEB. 14-17, 1982. BIOPHYS J 37 (2 PART 2). 1982. 169A.
CODEN: BIOJA
DOCUMENT TYPE: Meeting
RECORD TYPE: Citation
LANGUAGE: ENGLISH

AUTHOR: VON HIPPEL P H; KOWALCZYKOWSKI S C; *LONBERG N*; NEWPORT J W; PAUL
L S; STORMO G D; GOLD L

18/3,K/37 (Item 14 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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03121882 BIOSIS NO.: 000020065001

**THERMODYNAMICS AND KINETICS OF THE COOPERATIVE BINDING OF BACTERIO PHAGE
T-4 CODED GENE 32 HELIX DESTABILIZING PROTEIN TO NUCLEIC-ACID LATTICES**

AUTHOR: KOWALCZYKOWSKI S C; *LONBERG N*; NEWPORT J W; PAUL L S; VON HIPPEL
P H

AUTHOR ADDRESS: INST. MOL. BIOL., UNIV. OREG., EUGENE, OREG. 97403, USA.
JOURNAL: MEETING ON PROTEINS AND NUCLEOPROTEINS: STRUCTURE, DYNAMICS AND
ASSEMBLY, AIRLIE, VA., USA, MAY 18-21, 1980. BIOPHYS J 32 (1). 1980.
403-418.

CODEN: BIOJA

RECORD TYPE: Citation

LANGUAGE: ENGLISH

AUTHOR: KOWALCZYKOWSKI S C; *LONBERG N*; NEWPORT J W; PAUL L S; VON HIPPEL
P H

18/3,K/38 (Item 15 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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03082517 BIOSIS NO.: 000020025636

**MOLECULAR ASPECTS OF THE INTERACTIONS OF PHAGE T-4 CODED GENE 32 PROTEIN
AND DNA POLYMERASE GENE 43 PROTEIN WITH NUCLEIC-ACIDS**

AUTHOR: NEWPORT J W; KOWALCZYKOWSKI S C; *LONBERG N*; VON HIPPEL P H
AUTHOR ADDRESS: INST. MOL. BIOL., UNIV. OREG., EUGENE, OREG. 97403, USA.
JOURNAL: 9TH ANNUAL INTERNATIONAL CHEMICAL NUCLEAR ASSOCIATION-UNIVERSITY
OF CALIFORNIA, LOS ANGELES SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY,
KEYSTONE, COLO., USA, FEB. 17-MARCH 21, 1980. J SUPRAMOL STRUCT 9 (SUPPL.
4). 1980. 310.

CODEN: JSPMA

DOCUMENT TYPE: Meeting

RECORD TYPE: Citation

LANGUAGE: ENGLISH

AUTHOR: NEWPORT J W; KOWALCZYKOWSKI S C; *LONBERG N*; VON HIPPEL P H

18/3,K/39 (Item 16 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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02553329 BIOSIS NO.: 000017001386

**THE SPECIFICITY OF INTERACTION OF GENE 32 PROTEIN AND GENE 32 PROTEIN
DEGRADATION PRODUCT WITH OLIGO NUCLEOTIDES AND POLY NUCLEOTIDES**

AUTHOR: KOWALCZYKOWSKI S; NEWPORT J; *LONBERG N*; VON HIPPEL P H
JOURNAL: FED PROC 38 (3 PART 1). 1979 488
FULL JOURNAL NAME: Federation Proceedings

CODEN: FEPR

DOCUMENT TYPE: Meeting

RECORD TYPE: Citation

AUTHOR: KOWALCZYKOWSKI S; NEWPORT J; *LONBERG N*; VON HIPPEL P H
?ds

Set	Items	Description
S1	6	(PHAGE (W) ANTIBODY (W) TECHNOLOGY)
S2	2	RD (unique items)
S3	0	(HUMAN (W) ANTIBODY (W) DISPLAY (W) LIBRARY)
S4	26	(ANTIBODY (W) DISPLAY (W) LIBRARY)
S5	10	RD (unique items)
S6	0	(TRANSGENIC (W) ANIMAL) AND (HUMAN (W) IMMUNOGLOBULIN (W) - GENE)
S7	0	S5 AND (XENOMOUSE)
S8	21	XENOMOUSE
S9	12	RD (unique items)

S10 0 AU=(BUECHLER, J?) OR (BUECHLER J?)
 S11 7 AU=BUECHLER J
 S12 7 RD (unique items)
 S13 0 AU=LONBERG, NILS
 S14 0 AU=LONBERG, N
 S15 48 AU=LONBERG N
 S16 0 S15 AND S5
 S17 0 S15 AND S8
 S18 39 RD S15 (unique items)

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 \$7.05 3 Type(s) in Format 3
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 \$15.74 Estimated cost File73
 OneSearch, 3 files, 3.974 DialUnits FileOS
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 \$83.34 Estimated cost this search
 \$83.79 Estimated total session cost 4.092 DialUnits

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